

## MATERIALS

ITEM	QUAN	DESCRIPTION	ITEM	QUAN	DESCRIPTION
1	2	REDUCED PRESSURE ZONE DEVICES	8	2	BRASS OR COPPER TEES CAST OR DUCTILE IRON TEE'S FOR 6" & ABOVE
2	1	WATER METER IN BOX (3/4" TO 1-1/2" SIZE)	9	4	BRASS OR COPPER NIPPLES CUT TO LENGTH CAST OR DUCTILE IRON FOR 6"& ABOVE
3	1	2" & LARGER METERS IN CITY SPEC'D PIT	10		BRASS OR COPPER PIPE CAST OR DUCTILE IRON FOR 6"& ABOVE
4	4	BRASS OR COPPER CUT TO LENGTH. THIS ILLUSTRATION IS FOR 3/4-4" RPZ & DCA'S MIN. 12" ABOVE GRADE. CAST OR DUCTILE IRON PIPE FOR ANY INSTALLATION W/ 6" OR 8" RPZ & DCA	11	4	RESILIENT TYPE GATE VALVES
5	4	FLG OR THRD BRASS OR COPPER ELLS CAST OR DUCTILE IRON FOR 6" & ABOVE	12		CONCRETE SLAB.-12" MIN. FROM RPZ
6	8	BRASS PLUGS INSERTED IN TEST COCKS	13		MEGALUGS REQUIRED AS DIRECTED BY THE WATER DEPARTMENT
7	4	BRASS OR COPPER ELLS CAST OR DUCTILE IRON FOR 6" & ABOVE	14		PIPE SUPPORT FOR ALL ASSEMBLIES AS DIRECTED BY THE WATER DEPARTMENT
			15		ENCLOSURE REQUIRED, HOTBOX OR APPROVED EQUAL

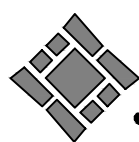
### NOTES:

- FOR FINAL APPROVAL, ASSEMBLY MUST BE CENTERED IN ENCLOSURE (IF APPLICABLE). UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND A BACKFLOW PREVENTER USED FOR THE SYSTEM CONTAINMENT. BACKFLOW PREVENTER SHALL ALWAYS BE INSTALLED DOWNSTREAM OF METER.
- IF A PRESSURE MONITOR IS TO BE INSTALLED, ADD A TEE, VALVE, FITTINGS, AND MOUNT ON SUPPLY SIDE PRIOR TO BACKFLOW PREVENTER; UNDER NO CIRCUMSTANCE SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR ANY USE OTHER THAN BACKFLOW DEVICE TESTING.

## TYPICAL OUTSIDE INSTALLATION REDUCED PRESSURE TYPE BACKFLOW PREVENTION DEVICE PARALLEL SERVICE (MANIFOLD)

### REDUCED PRESSURE ZONE (RPZ) TYPE BACKFLOW PREVENTER

STANDARD  
CONSTRUCTION  
DETAILS



CITY OF  
*savannah*

WATER RESOURCES AND PUBLIC WORKS BUREAU  
Planning & Engineering

SCALE: N.T.S.

DATED: SEP 2013

PLATE NUMBER:

W18